

**In the Claims:**

1. (currently amended) An apparatus comprising:

a display device that simultaneously displays a plurality of quadrants in a single viewing region, in which each quadrant displays a benchmark issue and a plurality of non-benchmark issues related to the benchmark issue;

a keyboard that comprises:

(1) a first plurality of keys, in which a first key of the first plurality of keys corresponds to a first benchmark issue and a second key of the first plurality of keys corresponds to a second benchmark issue;

(2) a second plurality of keys, in which each key of the second plurality of keys ~~is used to place~~ corresponds to an order for a non-benchmark issue;

and

a processor/computing device that is coupled to the display device, the keyboard and a ~~memory~~non-transitory machine readable medium, in which the ~~memory~~non-transitory machine readable medium stores instructions which, when executed by the ~~processor/computing device~~, direct the ~~processor/computing device~~ to:

in response to the first key being pressed, ~~direct the display device to~~  
display:

- (1) select a first quadrant of the plurality of simultaneously displayed quadrants, in which the first quadrant ~~that displays~~ the first benchmark issue;
- (2) map the second plurality of keys such that each key of the second plurality of keys corresponds to a non-benchmark issue that is related to the first benchmark issue; and
- (3) place an order for the non-benchmark issue in response to one of the second plurality of keys being pressed after the first key being pressed;

in response to the second key being pressed after the first key was pressed;  
~~direct the display device to:~~

- (1) switch, from the first quadrant, to select a second quadrant of the plurality of simultaneously displayed quadrant, in which the second quadrant ~~that~~ displays the second benchmark issue; and
- (2) re-map the second plurality of keys such that each key of the second plurality of keys corresponds to a non-benchmark issue related to the second benchmark issue that is displayed in the second quadrant.

- 2. (currently amended) The apparatus of claim 1, in which the keyboard comprises:  
a price improvement key, and in which the computing device is directed to:  
improves a market price for the selected non-benchmark issue and places the order with the improved market price in advance of other orders in a trading stack in response to the price improvement key being pressed.
- 3. (currently amended) The apparatus of claim 1, in which the keyboard comprises:  
a key that provides direct dealing functionality.
- 4. (currently amended) The apparatus of claim 1, in which the ~~processor- computing device~~ is further directed ~~configured to:~~  
direct the display device to display information for each of the non-benchmark issue in the selected first quadrant.
- 5. (currently amended) The apparatus of claim 4, in which the selected first quadrant is includes a Treasury swaps trading quadrant.
- 6. (previously presented) The apparatus of claim 5, in which the Treasury swaps trading quadrant includes at least three of the most recent benchmark issues.

7. (currently amended) The apparatus of claim 4, in which the selected first quadrant is includes an off-the-run trading quadrant.

8. (cancelled)

9. (currently amended) The apparatus of claim 4, in which the selected first quadrant is includes a yield curve trading quadrant.

10. (currently amended) The apparatus of claim 4, in which the selected first quadrant is includes a basis trading quadrant.

11. (currently amended) The apparatus of claim 4, in which the selected first quadrant is includes a limit orders trading quadrant.

12-19. (cancelled)

20. (currently amended) The apparatus of claim 1, in which the ~~processor computing device~~ is further configured directed to:

receive real-time direct dealing content related to ~~the~~ at least one non-benchmark issue and trading information related to the at least one non-benchmark issue, in which the direct dealing content comprises at least one of:

a request for a quote,

a response with a price,

a cancel to a response,

an amendment to a response, and

an acceptance of a response, and

, in which the trading information comprises limit order data for the non-benchmark issue.

21-30. (cancelled)

31. (currently amended) The apparatus of claim 20, in which the ~~processor~~ computing device is further ~~configured~~ directed to:

simultaneously display in the first quadrant:

the trading information related to the non-benchmark issue; and

a ticker that displays the received real-time direct dealing content related to the non-benchmark issue.

32. (currently amended) The apparatus of claim 31, in which the ~~processor~~ computing device is further ~~configured~~ directed to:

receive a midprice order to buy or sell the non-benchmark issue at a price within a spread market; and

update the displayed direct dealing content in the ticker to include the midprice order to buy or sell the non-benchmark issue.

33. (previously presented) The apparatus of claim 31, in which the ticker includes at least one request that includes an orientation and a size.

34. (previously presented) The apparatus of claim 31, in which the ticker includes at least one response that includes an orientation and a size.

35. (currently amended) A method comprising:
- simultaneously displaying via a display device a plurality of quadrants in a single viewing region, in which each quadrant displays a benchmark issue and a plurality of non-benchmark issues related to the benchmark issue;
  - in response to a first key being pressed, selecting, via a processor, a first quadrant of the plurality of simultaneously displayed quadrants, in which the first quadrant that displays a first benchmark issue;
  - in response to the first key being pressed, mapping via the processor a plurality of keys such that each key corresponds to a non-benchmark issue related to the first benchmark issue;
  - using the processor, placing an order for the non-benchmark issue in response to one of the plurality of keys being pressed after the first key was pressed;
  - in response to a second key being pressed after the first key was pressed;
  - switching, via the processor, from the first quadrant to a second quadrant of the plurality of simultaneously displayed quadrant, in which the second quadrant that displays a second benchmark issue; and
  - re-mapping, via the processor, the plurality of keys such that each key corresponds to a non-benchmark issue related to the second benchmark issue that is displayed in the second quadrant.
36. (currently amended) The method of claim 35 further comprising:
- receiving an indication that a price improvement key of the keyboard has been pressed, in which the price improvement key corresponds to improving a market price for the selected non-benchmark issue via pressing a price improvement key; and
  - in response to receiving the indication, placeseing the order with the improved market price in advance of other orders in a trading stack.
37. (previously presented) The method of claim 35 further comprising:
- providing direct dealing functionality.
38. (previously presented) The method of claim 35 further comprising:

displaying information for each of the non-benchmark issue in the selected first quadrant.

39. (currently amended) The method of claim 38, in which the selected first quadrant ~~is~~includes a Treasury swaps trading quadrant.

40. (previously presented) The method of claim 39, in which the Treasury swaps trading quadrant includes at least three of the most recent benchmark issues.

41. (currently amended) The method of claim 38, in which the selected first quadrant ~~is~~includes an off-the-run trading quadrant.

42. (currently amended) The method of claim 38, in which the selected first quadrant ~~is~~includes a yield curve trading quadrant.

43. (currently amended) The method of claim 38, in which the selected first quadrant ~~is~~includes a basis trading quadrant.

44. (currently amended) The method of claim 38, in which the selected first quadrant ~~is~~includes a limit orders trading quadrant.

45. (currently amended) The method of claim 35 further comprising:  
receiving real-time direct dealing content related to the non-benchmark issue and trading information related to the non-benchmark issue, in which the direct dealing content comprises at least one of:

- a request for a quote,
- a response with a price,
- a cancel to a response,
- an amendment a response, and

an acceptance of a response, and  
in which the trading information comprises limit order data for the non-benchmark issue.

46. (previously presented) The method of claim 45 further comprising simultaneously displaying in the first quadrant:  
the trading information related to the non-benchmark issue; and  
a ticker that displays the received real-time direct dealing content related to the non-benchmark issue.
47. (currently amended) The method of claim 46 further comprising:  
receiving a midprice order to buy or sell the non-benchmark issue at a price within a spread market; and  
updating the displayed direct dealing content in the ticker to include the midprice order to buy or sell the non-benchmark issue.
48. (previously presented) The method of claim 46, in which the ticker includes at least one request that includes an orientation and a size.
49. (previously presented) The method of claim 46, in which the ticker includes at least one response that includes an orientation and a size.
50. (new) The apparatus of claim 1, in which the keyboard further comprises a direct dealing key; and in which the computing device is further directed to:

in response to the direct dealing key being pressed before the second key and after the first key, transmitting a request for a submission of orders for the non-benchmark issue at a midpoint price of a current spread for orders of the non-benchmark issue; and receiving at least one order in response to the request, and directing the display device to display the at least one order.

51. (new) The apparatus of claim 50, in which displaying the at least one order includes displaying a plurality of orders through a ticker in the first quadrant in response to the orders being placed.

52. (new) The apparatus of claim 1, in which the keyboard further comprises a price improvement key; and in which the computing device is further directed to:  
in response to the price improvement key being pressed before the second key and after the first key, placing the order having a price that places the order at a front of an order stack of orders for the non-benchmark issue.

53. (new) The method of claim 35, further comprising:  
in response to a direct dealing key being pressed before the second key and after the first key, transmitting a request for a submission of orders for the non-benchmark issue at a midpoint price of a current spread for orders of the non-benchmark issue; and receiving at least one order in response to the request, and directing the display device to display the at least one order.



54. (new) The method of claim 53, in which displaying the at least one order includes displaying a plurality of orders through a ticker in the first quadrant in response to the orders being placed.

55. (new) The method of claim 35, further comprising: in response to a price improvement key being pressed before the second key and after the first key, placing the order having a price that places the order at a front of an order stack of orders for the non-benchmark issue.